



## INFORMATION DISCLOSURE CITATION

OMB No. 0651-0011

Applicant	A. MAURELLI et al.	Appl. No.	10/034,213
Filing Date	January 3, 2002	Group:	1645

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U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
	1	5,502,055	03/26/96	Wang			

FOREIGN PATENT DOCUMENTS							
		Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
	2	FR 3,795	12/27/65	France			No
	3	WO 85/03521	08/15/85	PCT			
	4	0 279 273 A2	08/24/88	PCT			(Abstract)
	5	WO 95/15396	06/08/95	EPO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	6	J.M. Gabastou et al., "Amines Digestives D'Origine Bacterienne et Troubles Comportementaux, A Propos d'une Observation," <i>Path. Biol.</i> 44(4): 275-281 (1996).					
	7	A.I. Ordoñez et al., "Formation of Biogenic Amines in Idiazabal Ewe's-Milk Cheese: Effect of Ripening, Pasteurization, and Starter," <i>J. Food. Protection</i> 60(11): 1371-5 (1997).					
	8	Y. Sanz & F. Toldrá, "Polyamines Affect Activity of Aminopeptidases from <i>Lactobacillus sake</i> ," <i>J. Food Science</i> 62(4): 870-2 (1997).					
	9	Zaleski et al., <i>Int. J. Biochem.</i> 11(3-4): 237-42 (Abstract only) (1980).					
	10	MacDonald et al., <i>Biochim. Biophys. Acta.</i> 663(1): 302-13 (Abstract only) (1981).					
	11	B.A. McCormick et al. "Inhibition of <i>Shigella flexneri</i> -induced transepithelial migration of polymorphonuclear leucocytes by cadaverine," <i>Cellular Microbiology</i> , 1(2): 143-155 (1999).					
	12	A.L. Dela Vega & A.H. Delcour, "Cadaverine induces closing of <i>E. coli</i> porins," <i>The EMBO Journal</i> , 14(23): 6058-65 (1995).					

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Atty. Docket No. 4995.0044 =01		Serial No. Div. of 09/281,274	
Applicant Anthony T. Maurelli et al.			
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dela Vega, Ana L. and Delcour, Anne H., "Cadaverine induces closing of <i>E. coli</i> porins," <i>The EMBO Journal</i> , Vol. 14(23), 1995, pp. 6058-65.			
English abstract no. 07602005 for European Patent Office Patent No. 0 279 273 A2.			
Flachmann, R.; Kunz, N.; Seifert, J.; Gutlich, M.; Wientjes, F. J.; Laufer, A.; and Gassen, H.G., "Molecular biology of pyridine nucleotide biosynthesis in <i>Escherichia coli</i> . Cloning and characterization of quinolate synthesis genes <i>nadA</i> and <i>nadB</i> ," <i>Eur J. Biochem</i> , Vol. 175, No. 2, August 1, 1998, pp. 221-8.			
Formal, Samuel B.; Hale, Thomas L., and Kapfer, Christine; "Shigella Vaccines," <i>Reviews of Infectious Diseases</i> , Vol. 11, Supplement 3, May-June 1989, pp. S547-S551.			
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Formal, S.B.; LaBrec, E.H.; Hornick, R. B.; DuPont, H. L.; and Snyder, M. J., "Attenuation of Strains of Dysentery Bacilli," <i>International Symposium on Enterobacterial Vaccines, Berne 1968, Symp. Series Immunobiol. Standard</i> , Vol. 15, 1971, pp. 73-78.			
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	McCormick, Beth A.; Fernandez, Isabel M.; Siber, Andrew M.; and Maurelli, Anthony T., "Inhibition of <i>Shigella flexneri</i> -induced transepithelial migration of polymorphonuclear leucocytes by cadaverine," <i>Cellular Microbiology</i> , Vol. 1, No. 2, pp. 143-155 (1999).						
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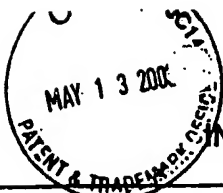
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	Maurelli, Anthony T.; Fernández, Reinaldo E.; Bloch, Craig A.; Rode, Christopher K.; and Fasano, Alessio, "'Black holes' and bacterial pathogenicity: A large genomic deletion that enhances the virulence of <i>Shigella</i> spp. and enteroinvasive <i>Escherichia coli</i> ," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 95, March 1998, pp. 3943-3948.		
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	<del>Hacker, J.; Blum-Oehler, G.; Mühldorfer, I.; and Tschäpe, "Pathogenicity islands of virulent bacteria: structure, function and impact on microbial evolution," <i>Molecular Microbiology</i>, Vol. 23, No. 6, 1997, pp. 1089-1097.</del>		
	<del>International Search Report dated October 6, 1999.</del>		
	<del>Iyer, Ramkumar and Delcour, Anne H., "Complex Inhibition of OmpF and OmpC Bacterial Porins by Polyamines," <i>Journal of Biological Chemistry</i>, Vol. 272, No. 30, July 25, 1997, pp. 18595-18601.</del>		
	<del>Keusch, Gerald T. and Jacewicz, "Primary Amines and Chloroquine Inhibit Cytotoxic Responses to Shigella Toxin and Permit Late Antibody Rescue of Toxin Treated Cells," <i>Biochemical and Biophysical Research Communications</i>, Vol. 121, No. 1, 1984, pp. 69-76.</del>		
	<del>Leach, Jan E. and White, Frank F., "Bacterial Avirulence Genes," <i>Annu. Rev. of Phytopathol.</i>, Vol. 34, 1996, pp. 153-179.</del>		
	<del>Nakata, N.; Tobe, T.; Fukuda, J.; Suzuki, T.; Komatsu, K.; Yoshikawa, M.; and Sasakawa, C., "The absence of a surface protease, OmpT, determines the intercellular spreading ability of <i>Shigella</i>; the relationship between the <i>ompT</i> and <i>kcpA</i> loci," <i>Molecular Microbiology</i>, Vol. 9, No. 3, 1993, pp. 459-468.</del>		
	<del>Sansonetti, Philippe J.; Hale, Thomas L.; Dammin, Gustave J.; Kapfer, Christine; Collins, Jr., Hugh H.; and Formal, Samuel B., "Alterations in the Pathogenicity of <i>Escherichia coli</i> K-12 After Transfer of Plasmid and Chromosomal Genes from <i>Shigella flexneri</i>," <i>Infection and Immunity</i>, Vol. 39, No. 3, March 1983, pp. 1392-1402.</del>		
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
13	R. Iyer & A.H. Delcour, "Complex Inhibition of OmpF and OmpC Bacterial Porins by Polyamines," <i>Journal of Biological Chemistry</i> , 272(30): 18595-18601 (1997).
14	R. Flachmann et al., "Molecular biology of pyridine nucleotide biosynthesis in <i>Escherichia coli</i> . Cloning and characterization of quinolinate synthesis genes nadA and nadB," <i>Eur J. Biochem</i> , 175(2): 221-8 (1998).
15	S.B. Formal et al., "Shigella Vaccines," <i>Reviews of Infectious Diseases</i> , Vol. 11, Supplement 3, pp. S547-S551 (1989).
16	S.B. Formal et al. "Protection of Monkeys Against Experimental Shigellosis with a Living Attenuated Oral Polyvalent Dysentery Vaccine," <i>Journal of Bacteriology</i> , 92(1): 17-22 (.1966).
17	S.B. Formal et al., "Attenuation of Strains of Dysentery Bacilli," <i>International Symposium on Enterobacterial Vaccines, Berne 1968, Symp. Series Immunobiol. Standard.</i> , 15: 73-78 (1971).
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19	G.T. Keusch & M. Jacewicz, "Primary Amines and Chloroquine Inhibit Cytotoxic Responses to Shigella Toxin and Permit Late Antibody Rescue of Toxin Treated Cells," <i>Biochemical and Biophysical Research Communications</i> , 121(1): 69-76 (1984).
20	J.E. Leach & F.F. White, "Bacterial Avirulence Genes," <i>Annu. Rev. of Phytopathol.</i> , 34: 153-179 (1996).
21	N. Nakata et al. "The absence of a surface protease, OmpT, determines the intercellular spreading ability of <i>Shigella</i> ; the relationship between the <i>ompT</i> and <i>kcpA</i> loci," <i>Molecular Microbiology</i> , 9(3): 459-468 (1993).
22	P.J. Sansonetti et al., "Alterations in the Pathogenicity of <i>Escherichia coli</i> K-12 After Transfer of Plasmid and Chromosomal Genes from <i>Shigella flexneri</i> ," <i>Infection and Immunity</i> , 39(3): 1392-1402 (1983).
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24	International Search Report dated October 6, 1999.
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<i>[Signature]</i>	7	A.I. Ordoñez et al., "Formation of Biogenic Amines in Idiazabal Ewe's-Milk Cheese: Effect of Ripening, Pasteurization, and Starter," <i>J. Food. Protection</i> 60(11): 1371-5 (1997).	
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